Associated City: Luverne, MN
MnDOT Classification: Intermediate Airport
NPIAS Airport: Yes

2012 State Aviation System Plan Airport Project Needs Summary

| Code | | Project Type | Recom- mended By | | COSTS | | |
|--|------|---|---------------------|----------|--------------|--------------|--------------|
| CO Construction | Code | | | | Short Term | Mid Term | Long Term |
| Apron (CIP) Based Aircraft Apron Transient Aircraft Apron Y | | | CIP | SASP | 2012-2015 | 2016-2020 | 2021-2030 |
| Based Aircraft Apron Transient Aircraft Apron Transient Aircraft Apron | CO | Construction | | | | | |
| Transient Aircraft Apron | | Apron (CIP) | | _ | - | - | - |
| DV Development Land | | Based Aircraft Apron | | | - | 205,062 | - |
| Extension/Expansion Taxiway 160,000 - FF Felf Farm Development ✓ 150,000 - FF Felf Farm Development ✓ 150,000 - FF Felf Farm Development ✓ 130,000 - FF Felf Farm Development ✓ 131,280 78,368 78 | | Transient Aircraft Apron | | ✓ | - | 536,890 | 139,194 |
| Taxiway | DV | Development Land | | | - | - | - |
| FF Fuel Farm Development | EX | Extension/Expansion | | | | | |
| M Improvements | | - | | | | - | - |
| Apron Maintenance V | FF | Fuel Farm Development | ✓ | | 150,000 | - | - |
| Runway Maintenance | IM | Improvements | , | | | | |
| Taxiway Maintenance | | | ✓ | | | - | 123,591 |
| Runway Extension/Expansion | | · | | ٧, | | | 317,408 |
| IN | | Taxiway Maintenance | | V | 13,080 | 19,575 | 356,505 |
| ILS | | Runway Extension/Expansion | | | - | - | - |
| FAA ILS Monitoring | IN | *** | | | | | |
| Lighting | | | | | - | - | - |
| Runway | | | | | - | - | - |
| MA Master Plan | LI | | | | | | |
| MA Master Plan ✓ 190,000 MS Miscellaneous ✓ 100,000 - MS Buildings ✓ 220,000 - - Conventional Hangars ✓ 170,000 - - | | · | | | - | - | - |
| ALP | | | | | - | - | - |
| Master Plan | MA | | | | | | |
| Missel Frain | | | | | - | 190,000 | - |
| MS Miscellaneous Buildings ✓ 220,000 - Conventional Hangars ✓ 170,000 - T-Hangars - - - Hangar Site Preparation ✓ 170,000 - Miscellaneous Equipment - - - Snow Removal Equipment - - - OB Obstruction Removal - - - PA Parking ✓ 150,000 - - RF ARFF Vehicle - - - - SE Security Improvements - | | | | V | 100,000 | - | 100,000 |
| Buildings | | | | | - | - | - |
| Conventional Hangars | MS | | / | | 220,000 | | |
| T-Hangars Hangar Site Preparation Miscellaneous Equipment Snow Removal Equipment OB Obstruction Removal PA Parking RF ARFF Vehicle SE Security Improvements Fencing Signs Fencing Vivisual Approach Aids MALSR ODALS PAPI REILS Rotating Beacon WX Weather Reporting AWOS Wind Cone To 170,000 To 170,0 | | • | | | | - | - |
| Hangar Site Preparation Miscellaneous Equipment Snow Removal Equipment OB Obstruction Removal PA Parking RF ARFF Vehicle SE Security Improvements Fencing Signs SZ Safety Zone (RPZ) Zoning VI Visual Approach Aids MALSR ODALS PAPI REILS Rotating Beacon WX Weather Reporting AWOS Wind Cone 170,000 - 170,000 | | | , | | 170,000 | - | - |
| Miscellaneous Equipment Snow Removal Equi | | _ | V | | 170,000 | - | - |
| Snow Removal Equipment | | - · · · · · · · · · · · · · · · · · · · | • | | 170,000 | | |
| OB Obstruction Removal PA Parking PA Parking ✓ 150,000 - < | | | | | | | |
| PA Parking ✓ ✓ 150,000 - RF ARFF Vehicle - - - SE Security Improvements - - 206,801 SG Signs - - - SZ Safety Zone (RPZ) - - - Zoning - - - - VI Visual Approach Aids - - - MALSR - - - - PAPI - - - - REILS - - - - Rotating Beacon - - - - WX Weather Reporting - - - - Wind Cone - - - - - | OR | | | | _ | | |
| RF ARFF Vehicle - - - SE Security Improvements - 206,801 Signs - < | | | ✓ | ✓ | 150,000 | | |
| SE Security Improvements Fencing ✓ - 206,801 SG Signs - - - SZ Safety Zone (RPZ) - | | - | | | 130,000 | _ | _ |
| Fencing | | | | | | | |
| SG Signs - - SZ Safety Zone (RPZ) - - Zoning - - - VI Visual Approach Aids - - MALSR - - - ODALS - - - PAPI - - - REILS - - - Rotating Beacon - - - WX Weather Reporting - - AWOS - - - Wind Cone - - - | | · · · | | ✓ | - | 206.801 | - |
| SZ Safety Zone (RPZ) - - - VI Visual Approach Aids - - - MALSR - - - - ODALS - - - - PAPI - - - - - - REILS - <t< td=""><td>SG</td><td></td><td></td><td></td><td>_</td><td>-</td><td>_</td></t<> | SG | | | | _ | - | _ |
| Zoning | | | | | | | |
| VI Visual Approach Aids MALSR - - ODALS - - PAPI - - REILS - - Rotating Beacon - - WX Weather Reporting - AWOS - - Wind Cone - - | | , , , | | | - | - | - |
| MALSR | VI | | | | | | |
| ODALS | | | | | - | - | - |
| REILS | | | | | _ | _ | _ |
| REILS | | | | | - | - | - |
| Rotating Beacon | | | | | _ | - | - |
| WX Weather Reporting AWOS - - Wind Cone - - | | | | | - | - | - |
| AWOS | WX | | | | | | |
| | | | | | - | - | - |
| | | Wind Cone | | | - | - | - |
| NW New Key Airport | NW | New Key Airport | | | - | - | - |
| O Other | | | | <u> </u> | | - | - |
| TOTALS \$ 1,994,360 \$ 1,264,097 \$ | | TOTALS | | | \$ 1,994,360 | \$ 1,264,097 | \$ 1,036,697 |

20 Year Total Estimated Cost: \$ 4,295,154

Notes: Data provided is for system planning purposes and shall not be used to justify individual improvement projects.

Project with "✓" in SASP and CIP column identified as need from CIP and system plan. Cost based on higher planned value.

Projects with "\" in CIP column are not system plan recommendation but are identified as short term need from airport's 2012-2017 CIP from which cost was obtained.